

## CHILD AND YOUTH HEALTH

Babies born in Chesterfield County are less likely to die before they turn a year old than babies born in Virginia as a whole. The county's infant-mortality rate fell significantly between 1999 and 2001. However, in 2001 the number and percentage of babies born with low birth weights ( 5.5 pounds or less) to county residents began increasing, after two years of decline. Babies with low birth weights are more likely to have other health complications.

The Chesterfield teen pregnancy rate is lower than the state rate: 22.5 teen girls per 1,000 were pregnant in Chesterfield in 2000 compared to a state rate of 31.5 per 1,000. Both the Chesterfield County and Virginia rates have been decreasing over the past five years. Sixty-five percent of pregnant Chesterfield County teens gave birth to their babies in 2001.

The number of sexually transmitted diseases among Chesterfield County teens declined from 1995 through 1998, but began increasing significantly in 1999. In 2002 the total was more than twice that of 1998, with the greatest increase in chlamydia cases.

In 2000, five of the six vehicular crash fatalities to teens 16-19 years old were alcohol related. However, in 2001 there was only one fatality among youths 16-19 years old. Although there were no alcohol-related fatalities to children 19 years old and younger in 2001, there were 63 alcohol-related injuries in that age group.

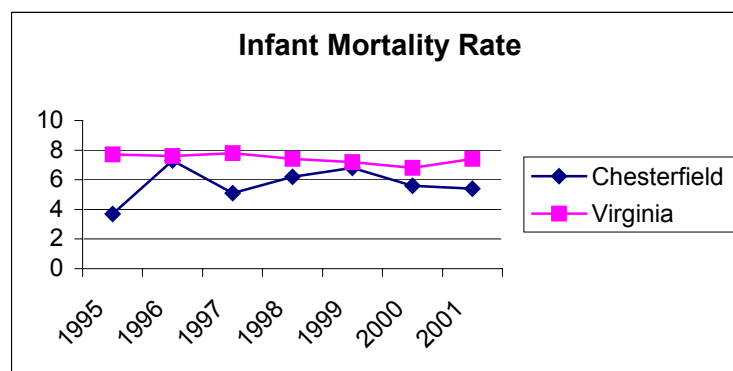
Data on the number of referrals and admissions to Chesterfield County Adolescent Substance Abuse Services is included in this report for the first time. Referrals climbed by 138 percent between FY 2000 and FY 2002. Chesterfield County does not have local survey data on youth alcohol and drug use. However, Virginia and Health Planning Region IV data for alcohol, tobacco and other drug use is included in this section. Chesterfield County is located in Health Region IV but did not participate in the survey.

### Infant Mortality Rate\*

	1995	1996	1997	1998	1999	2000	2001
<b>Chesterfield Co. Infant Mortality Rate</b>	3.7	7.3	5.1	6.2	6.8	5.6	5.4
<b>Virginia Infant Mortality Rate</b>	7.7	7.6	7.8	7.4	7.2	6.8	7.4

*Virginia Department of Health, Health Statistics*

\* The infant mortality rate is defined as the number of infant deaths per 1,000 live births.

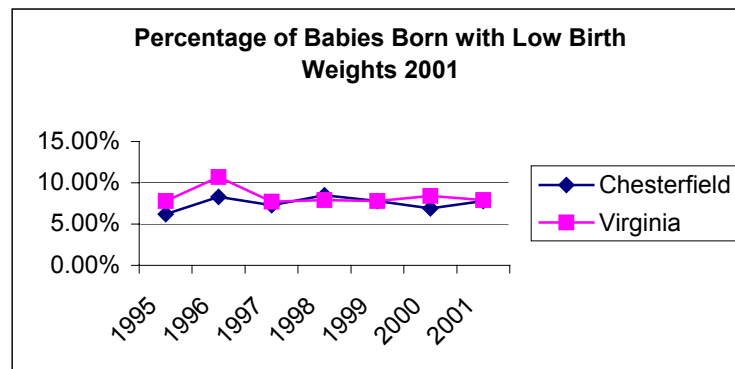


**Low Birth Weight Babies \***

	1995	1996	1997	1998	1999	2000	2001
<b>Number of low birth weight babies born to Chesterfield Co. residents</b>	201	235	228	286	250	236	260
<b>Percentage of low birth weight babies born to Chesterfield Co. residents</b>	6.20%	8.30%	7.30%	8.50%	7.80%	6.90%	7.80%
<b>Percentage of low birth weight babies born to Virginia residents</b>	7.80%	10.70%	7.70%	7.90%	7.80%	8.40%	7.90%

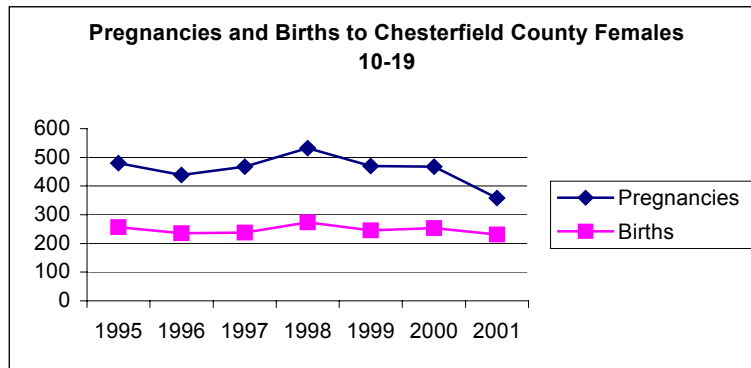
Source: Virginia Department of Health, Health Statistics

\* Babies weighing 5 pounds 8 ounces or less at birth.

**Teen Pregnancies and Births**

<b>Chesterfield County</b>	1995	1996	1997	1998	1999	2000	2001
<b>Pregnancies of females ages 10-19</b>	480	438	467	532	470	467	358
<b>Births to females 10-19</b>	257	235	237	273	245	253	231

Source: Virginia Department of Health, Health Statistics



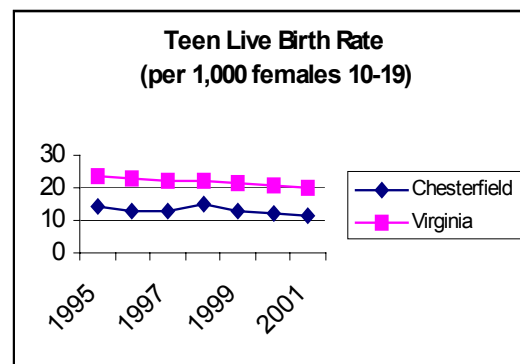
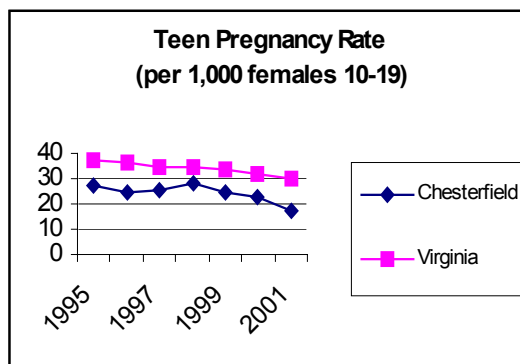
### Teen Pregnancy and Birth Rates\*

	1995	1996	1997	1998	1999	2000	2001**
<b>Chesterfield Co. pregnancy rate for females 10-19</b>	27.1	24.4	25.5	28.6	24.9	22.5	17.3
<b>Virginia pregnancy rate for females 10-19</b>	37.4	36.2	34.8	34.1	33.6	31.5	29.7
<b>Chesterfield County live birth rate for females 10-19</b>	14.5	13.1	13	14.7	13	12.2	11.1
<b>Virginia live birth rate for females 10-19</b>	23.8	22.6	22.1	22	21.7	20.5	20.0

Source: Virginia Department of Health, Health Statistics

\* The pregnancy rate is defined as the number of pregnancies per 1,000 females 10-19 years old. The live-birth rate is defined as the number of births per 1,000 females 10-19 years old.

\*\* The 2001 rates were determined using the 2000 population counts.



### Sexually Transmitted Diseases

#### Chesterfield Youths 10-19 years old

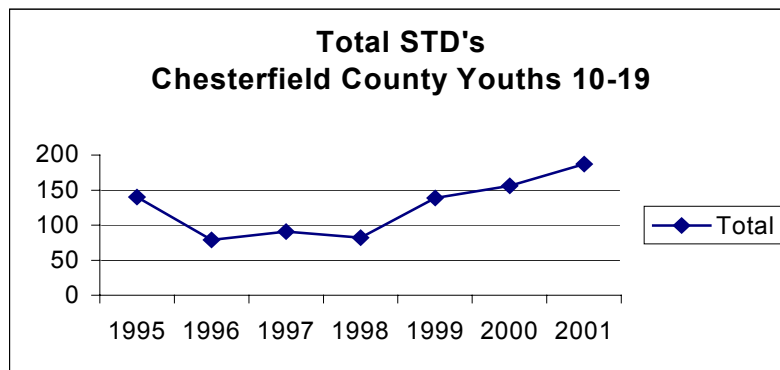
	1995	1996	1997	1998	1999	2000	2001
<b>Chlamydia</b>	101	63	76	62	105	111	138
<b>Gonorrhea</b>	33	16	15	20	34	45	49
<b>Syphilis</b>	6	0	*	*	0	*	0
<b>Total</b>	140	79	91	82	139	156	187

Source: Virginia Department of Health, Epidemiology

A statewide computer-collection system for sexually transmitted disease data was initiated in 1994. This data includes both public and private sources.

\* Fewer than three cases were reported. State policy prohibits reporting numbers less than three (except 0) for any locality.

There have been three cases of HIV infection and AIDS among youths 10-19 years old in Chesterfield County since 1995.



### Teen Suicide

	1995	1996	1997	1998	1999	2000	2001
<b>Number of Suicides in Chesterfield County, Ages 10-19</b>	2	3	1	2	2	2	0

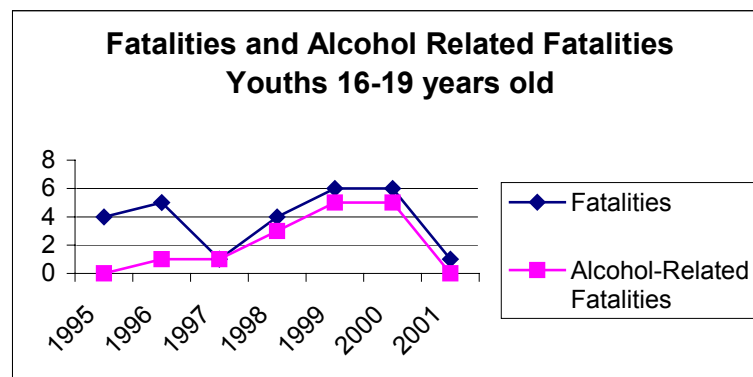
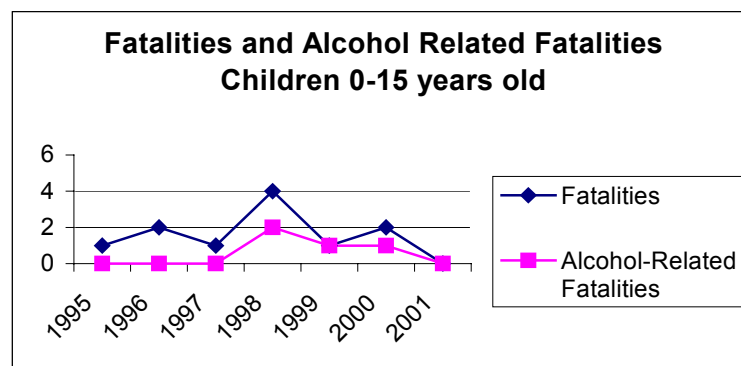
Source: Virginia Department of Health, Health Statistics

### Chesterfield County Crash Data – Fatalities

Children and Youths Ages 0-19

	1995	1996	1997	1998	1999	2000	2001
<b>Fatalities (Ages 0-15)</b>	1	2	1	4	1	2	0
<b>Alcohol-Related Fatalities (Ages 0-15)</b>	0	0	0	2	1	1	0
<b>Fatalities (Ages 16-19)</b>	4	5	1	4	6	6	1
<b>Alcohol-Related Fatalities (Ages 16-19)</b>	0	1	1	2	5	5	0

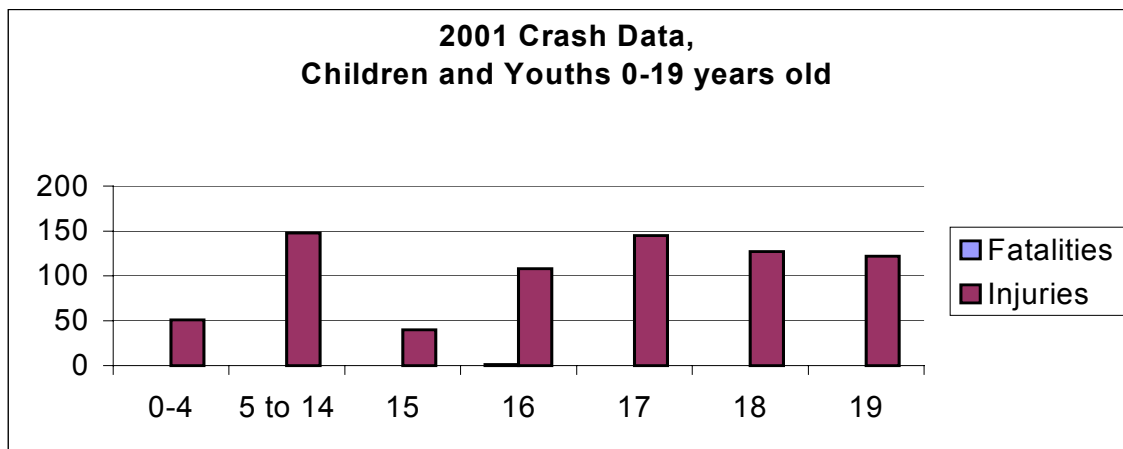
Source: Virginia Department of Motor Vehicles



**Chesterfield Crash Fatalities/ Injuries, Children and Youths, Ages 0-19**  
Jan. 1 – Dec. 31, 2001

AGE	0-4	5 - 14	15	16	17	18	19	TOTAL
<b>Fatalities</b>	0	0	0	1	0	0	0	1
<b>Alcohol-Related Fatalities</b>	0	0	0	0	0	0	0	0
<b>Injuries</b>	51	148	40	108	145	127	122	741
<b>Alcohol-Related Injuries</b>	3	5	2	5	11	12	25	63

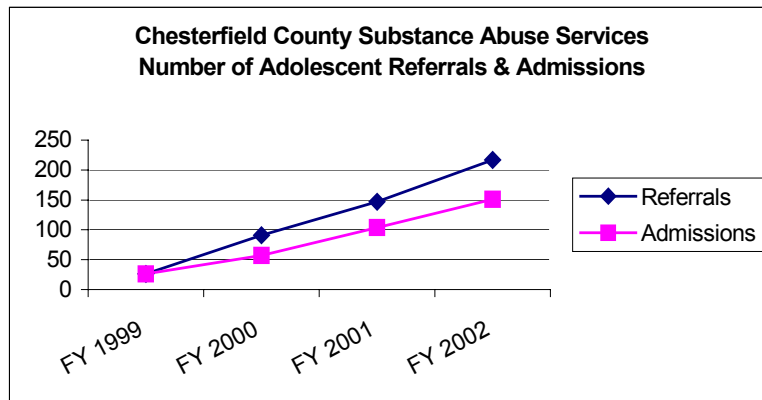
Source: Virginia Department of Motor Vehicles



**Chesterfield County Substance Abuse Services  
Total Number of Adolescent  
Referrals and Admissions**

	FY 1999	FY 2000	FY 2001	FY 2002
<b>Referrals</b>	26	91	147	217
<b>Admissions</b>	26	57	104	151

Source: Chesterfield County Substance Abuse Services



## Alcohol, Tobacco and Other Drug Use

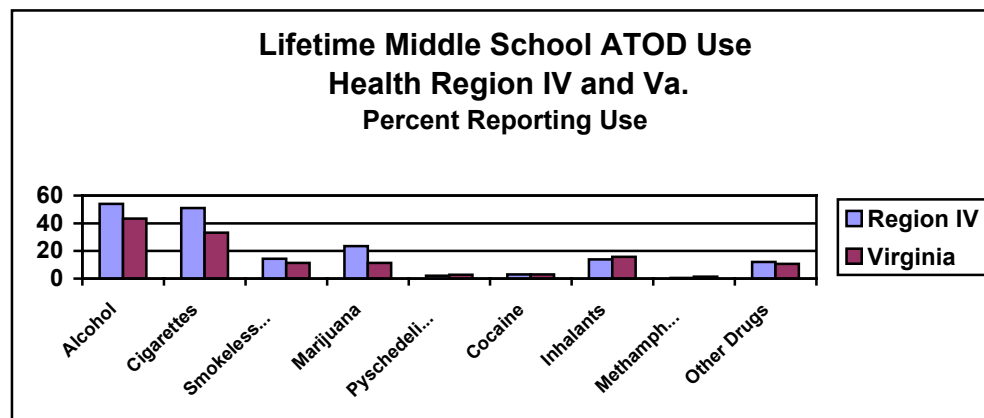
The following statistics are taken from the Virginia Community Youth Survey 2000. The survey was part of a national effort funded by the Substance Abuse and Mental Health Services Administration's (SAMHSA) Center for Substance Abuse Prevention (CSAP). The Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services contracted with a private company to conduct the survey, which was administered in the fall of 2000. It measured alcohol, tobacco and other drug use, along with some other factors, of a sampling of youths attending public schools in grades 8, 10 and 12 throughout Virginia. The survey was administered to provide information for the Commonwealth as a whole and for the five health planning regions in Virginia.

Health Planning Region IV contains the following counties: Amelia, Buckingham, Brunswick, Charlotte, Chesterfield, Cumberland, Dinwiddie, Greenville, Prince George, Halifax, Lunenburg, Mecklenburg, Nottoway, Prince Edward, Surry and Sussex, and the following cities: Colonial Heights, Emporia, Hopewell, Petersburg and Richmond. Although Chesterfield County was not one of the participants in the survey, information is provided in the survey that is closer to home than national survey data. A Chesterfield County survey was last conducted in 1993.

### Any Lifetime ATOD Use Prevalence in Health Region IV and Virginia Middle School (Grade 8)

Percent Reporting Use	Alcohol	Cigarettes	Smokeless Tobacco	Marijuana	Psychedelic Drugs	Cocaine	Inhalants	Methamphetamines	Other Drugs
Health Region IV	53.9	50.9	14.4	23.5	2.1	2.9	13.9	0.4	11.9
Virginia	43.4	33.3	11.3	11.2	2.7	2.9	15.7	1.4	10.6

Source: Virginia Community Youth Survey 2000

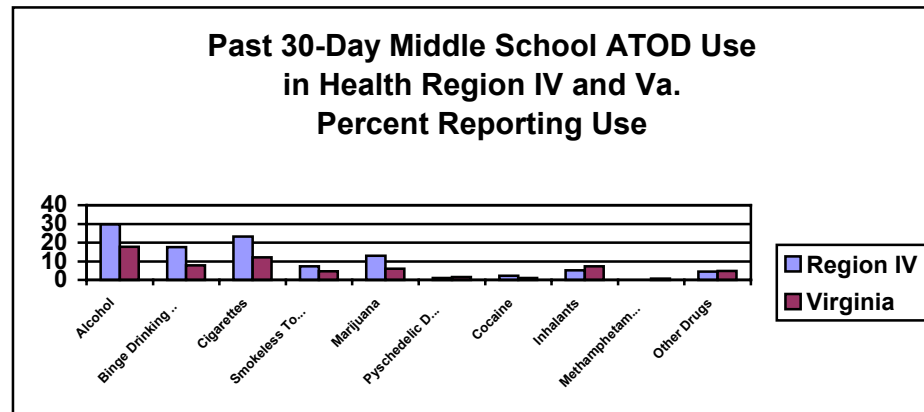




### Past 30-Day ATOD Use Prevalence in Health Planning Region IV and Virginia Middle School (Grade 8)

Percent Reporting Use	Alcohol	Binge Drinking in past 2 weeks	Cigarettes	Smokeless Tobacco	Marijuana	Psychedelic Drugs	Cocaine	Inhalants	Methamphetamines	Other Drugs
Health Region IV	29.8	17.6	23.2	7.3	13.0	1.1	2.2	5.2	0.0	4.5
Virginia	17.7	7.8	12.1	4.6	5.9	1.6	1.1	7.4	0.6	4.8

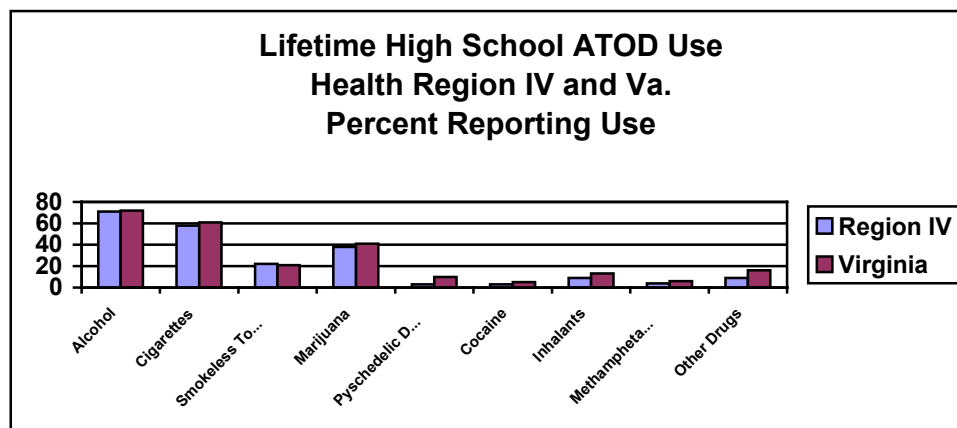
Source: Virginia Community Youth Survey 2000



### Any Lifetime ATOD Use Prevalence in Health Region IV and Virginia High School (Grades 10, 12)

Percent Reporting Use	Alcohol	Cigarettes	Smokeless Tobacco	Marijuana	Psychedelic Drugs	Cocaine	Inhalants	Methamphetamines	Other Drugs
Health Region IV	70.7	57.8	21.9	37.9	3.3	3.1	9.4	3.8	9.1
Virginia	71.7	60.6	21.1	40.6	9.8	5.4	12.9	5.6	16.2

Source: Virginia Community Youth Survey 2000



**Past 30-Day ATOD Use Prevalence in  
Health Planning Region IV and Virginia  
High School (Grades 10, 12)**

Percent Reporting Use	Alcohol	Binge Drinking in past 2 weeks	Cigarettes	Smokeless Tobacco	Marijuana	Psychedelic Drugs	Cocaine	Inhalants	Methamphetamines	Other Drugs
Health Region IV	37.1	21.0	25.5	9.0	18.0	1.2	1.7	1.9	1.5	4.3
Virginia	44.2	23.8	28.6	9.1	22.6	4.4	2.5	3.3	2.7	7.1

Source: Virginia Community Youth Survey 2000

